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(54) Title: **PROCESS FOR THE PRODUCTION OF LACTAMS**

(57) Abstract: A homogeneous process for the hydrogenation of dicarboxylic acid and/or derivative thereof with an amine in the presence of a catalyst comprising: (a) ruthenium or osmium; and (b) an organic phosphine; and wherein the hydrogenation is carried out in the presence of water.



WO 2005/051907 A1